

ABSTRACT OF THE DISCLOSURE

A series regulator and a DC/DC converter stabilize an output voltage of a battery to supply a stabilized voltage to a wireless communication device. The
5 wireless communication device stops the DC/DC converter while a transmission is not permitted and drives the DC/DC converter at the time of transmission. The wireless communication device does not drive the DC/DC converter when a transmission output is low, and drives
10 the DC/DC converter when the transmission output is high.